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Tutorial: Knowledge Discovery and Information Retrieval using the Shell

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Exercise III

1. Consider the case that the check for Annabel (Exercise II) would have returned 241 possible persons, who should be asked. Improve your solution from Part I, so that you only need one command (piped) to see the interview text of each person asked.

Approach: Use the output from the people file to build a command that directly outputs the corresponding line from the street file. The output of your command should look as following:

```
sed -n "40p" streets/Hart_Place  
sed -n "173p" streets/Mattapan_Street  
sed -n "179p" streets/Buckingham_Place  
sed -n "176p" streets/Haley_Street
```

This result can then simply piped into a **sh** command (shell):

```
$ your | command | pipeline | from | above | sh
```

After this step, continue to extract the information from the interview files.

Tricky, eh ? ;-)

2. Solve the first Exercise using your new acquired knowledge about awk (Hint: set the field and record separator according to the input file *vehicles*).